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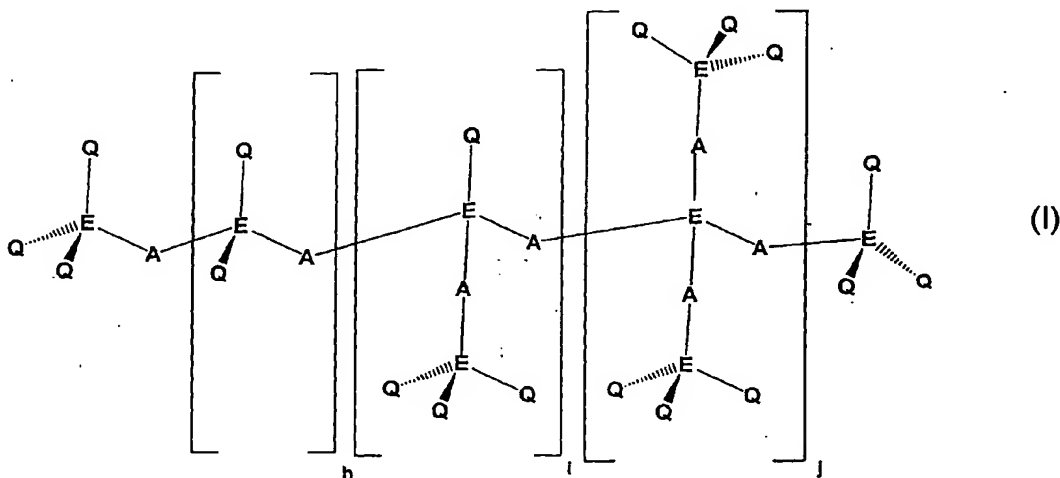
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(54) Title: ORGANIC COMPOSITIONS



(57) Abstract: Compositions and methods of forming and using those compositions are provided herein where the composition comprises at least one oligomer or polymer of Formula I wherein E is a cage compound; each Q is the same or different and selected from aryl, branched aryl, and substituted aryl wherein the substituents include hydrogen, halogen, alkyl, aryl, substituted aryl, heteroaryl, aryl ether, alkenyl, alkynyl, alkoxy, hydroxyalkyl, hydroxyaryl, hydroxyalkenyl, hydroxyalkynyl, hydroxyl, or carboxyl; A is substituted or unsubstituted aryl with substituted or unsubstituted arylalkynyl group (substituents include hydrogen, halogen, alkyl, phenyl or substituted aryl; and aryl includes phenyl, biphenyl, naphthyl, terphenyl, anthracenyl, polyphenylene, polyphenylene ether, or substituted aryl); h is from 0 to 10; i is from 0 to 10; j is from 0 to 10; and w is 0 or 1.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/41533

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C08G 61/00; C07C 13/00, 15/00, 15/16, 5/367, 15/20

US CL : 528/396, 397; 585/430, 431

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 528/396, 397; 585/430, 431

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
None

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
East Text; STN Text.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,053,568 A (CHEN) 01 October 1991(01.10.1991), see entire Patent.	1-30
A	US 5,053,434 A (CHAPMAN) 01 October 1991 (01.06.1991), see entire Patent.	1-30
A	US 5,017,734 A (BAUM et al.) 21 May 1991 (21.05.1991), see entire Patent.	1-30

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

Special categories of cited documents:	
* "A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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